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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/586,504	02/26/2007	Claude Daloz	5284-74PUS	4240

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Thomas Langer
Cohen, Pontani, Lieberman & Pavane LLP
551 Fifth Avenue, Suite 1210
New York, NY 10176

EXAMINER

ELLIOTT IV, BENJAMIN H

ART UNIT	PAPER NUMBER
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2419

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/586,504	Applicant(s) DALOZ ET AL.	
	Examiner BENJAMIN ELLIOTT	Art Unit 2419	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>7/17/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-6 have been examined and are pending.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by 6,304,973 B1 to Williams (hereinafter “Williams”).

As per Claim 1, Williams discloses **a system for communication between a first computer terminal (1) in a private IP network (7) and a second computer terminal (5) in a public IP network** (Figure 3; Col. 9, lines 42-44; Figure 4. A local area network is connected to the Internet. There are terminals located in the LAN and the connected to the Internet. “U” designates a user terminal, workstation, or server.), **said communications system comprising:**

a network boundary equipment (3) (Col. 4, lines 45-52. Routers are used to connect LANs and public networks.),

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a mediation system (2) in the private IP network that is associated with said the first terminal (1) and is adapted to make an IP interface available to said the second terminal (5) (Col. 5, lines 38-55. All network access must go through a security device. A firewall is used to extend mediation and cryptographic protection. This is an extension to the network interface of each individual host computer.);

and a control server (4) in the public IP network that is able to control said mediation system (2) via a communications tunnel (6) through said network boundary equipment (3) (Col. 8, lines 16-20; Figure 1. The network comprises a network service controller host dedicated to configuring and auditing the secure network (10) installed between each host computer and network medium (20). Col. 3, lines 23-38. Firewalls provide IP tunneling capability across the Internet.).

As per Claim 2, Williams discloses **the communications system according to claim 1, wherein said IP interface is a TCP/UDP/IP interface** (Col. 6, lines 58-61. Network interface cards provide encrypted controlled communications from one host, either IP address or TCP/UDP ports, to another.).

As per Claim 3, Williams **discloses the system according to claim 2, wherein said communications channel (6) is a TCP channel able to transmit TCP or UDP packets arriving at an internal interface of the mediation system (2)** (Col. 12, lines 1-3. Data packets, being TCP or UDP headers or data, are encrypted.).

As per Claim 4, Williams **discloses the system according to claim 3 wherein the mediation system (2) is able to relay a packet received at a port opened beforehand by the control server (4), indicating an identifier of the receiver port, the IP address and the number of the sending port and the received packet** (Col. 17, lines 19-27. The network provides for auditing in the form of providing individual information for packets sent or received, and TCP/UDP port rejections, opens and closes.).

As per Claim 5, Williams discloses **the system according to claim 2, wherein the mediation system (2) is able to relay a packet received at a port opened beforehand by the control server (4), indicating an identifier of the receiver port, the IP address and the number of the sending port and the received packet** (Col. 17, lines 19-27. The network provides for auditing in the form of providing individual information for packets sent or received, and TCP/UDP port rejections, opens and closes.).

As per Claim 6, Williams discloses **the system according to claim 1, wherein the mediation system (2) is able to relay a packet received at a port opened beforehand by the control server (4), indicating an identifier of the receiver port, the IP address and the number of the sending port and the received packet** (Col. 17, lines 19-27. The network provides for auditing in the form of providing individual information for packets sent or received, and TCP/UDP port rejections, opens and closes.).

Conclusion

4. Prior art made of record not relied upon:

US Patent 7,274,684 B2 to Young et al. discloses a method and system for managing a network multimedia network access device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN ELLIOTT whose telephone number is (571)270-7163. The examiner can normally be reached on Monday thru Friday, 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on (571)272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/B E/

Examiner, Art Unit 2419

/Hassan Kizou/

Supervisory Patent Examiner, Art Unit 2419